



ATD-5831

1/4" AIR RIVETER INSTRUCTION MANUAL

Safety Precautions

- Do not use the tool for any other use than what it was intended for.
- Never modify the tool for its use, or for any other purpose.
- Normal use of this product is likely to expose the user to dust and /or microscopic particles containing chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Always wear appropriate safety equipment and clothing when using this product. Study, understand and follow all instructions provided with this product.
- Always wear ANSI approved goggles when using this product.
- Always select the correct accessories of the correct size and design for the job that you are attempting to perform.
- Always work in a clean, safe, well-lit, organized and adequately equipped area.
- Do not begin repairs without assurance that vehicle is in secure position and will not move during repair.

Important

Read these instructions carefully before installing, operating, servicing or repairing this tool. Keep these instructions in a safe accessible place.

Unpacking

When unpacking this unit, check the parts diagram and part number listing to make sure all parts are included. If any parts are missing or damaged please call your distributor.

Product Information

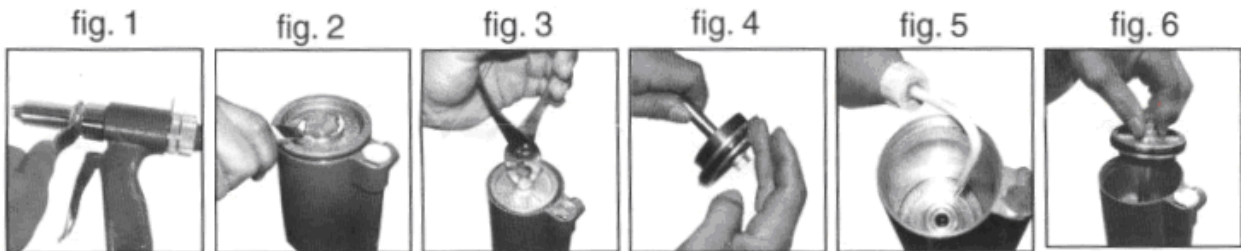
- Includes 1/4"(6.4mm), 3/16"(4.8mm), 5/32"(4mm), & 1/8"(3.2mm) nosepieces
- Powerful durable, high speed production tool
- Quick release air valve permits cylinder to return quickly for high speed assembly operations: Prevents overloading for long life
- Performs well at any angle
- Gets into hard-to-reach areas
- Provides quick, quiet and comfortable operation preventing user fatigue

Specifications

- Rivet Capacity: 1/4"
- Overall Length: 10-7/8" (280mm)
- Net Weight: 3-1/2lbs (1.6kg)
- Stroke: 15mm
- Motor: 1/2hp
- Air Inlet Thread NPT: 1/4"
- Air Hose I.D. Size: 3/8"(10mm)
- Avg. Air Consumption: 2.32 Liter/Stroke
- Air Pressure: 90-120psi

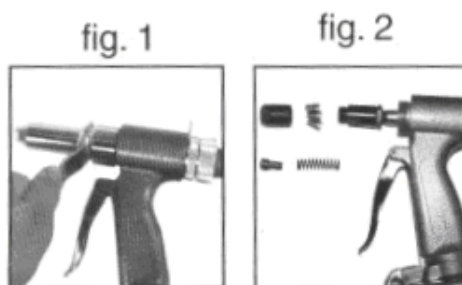
Maintenance/Adding Oil for Hydraulic Riveter

1. Turn off air supply
2. Use spanner wrench to dismantle the riveter head (fig. 1).
3. Use spanner wrench to open bottom cover of the riveter (fig. 2).
4. Remove piston from cylinder (fig. 3).
5. Clean inside of the cylinder and lubricate cover seal (fig. 4).
6. Lubricate the intake with oil until full (fig. 5).
7. Clean piston stem and add grease on the inner wall of the cylinder and the ring.
8. Reassemble (fig.6).

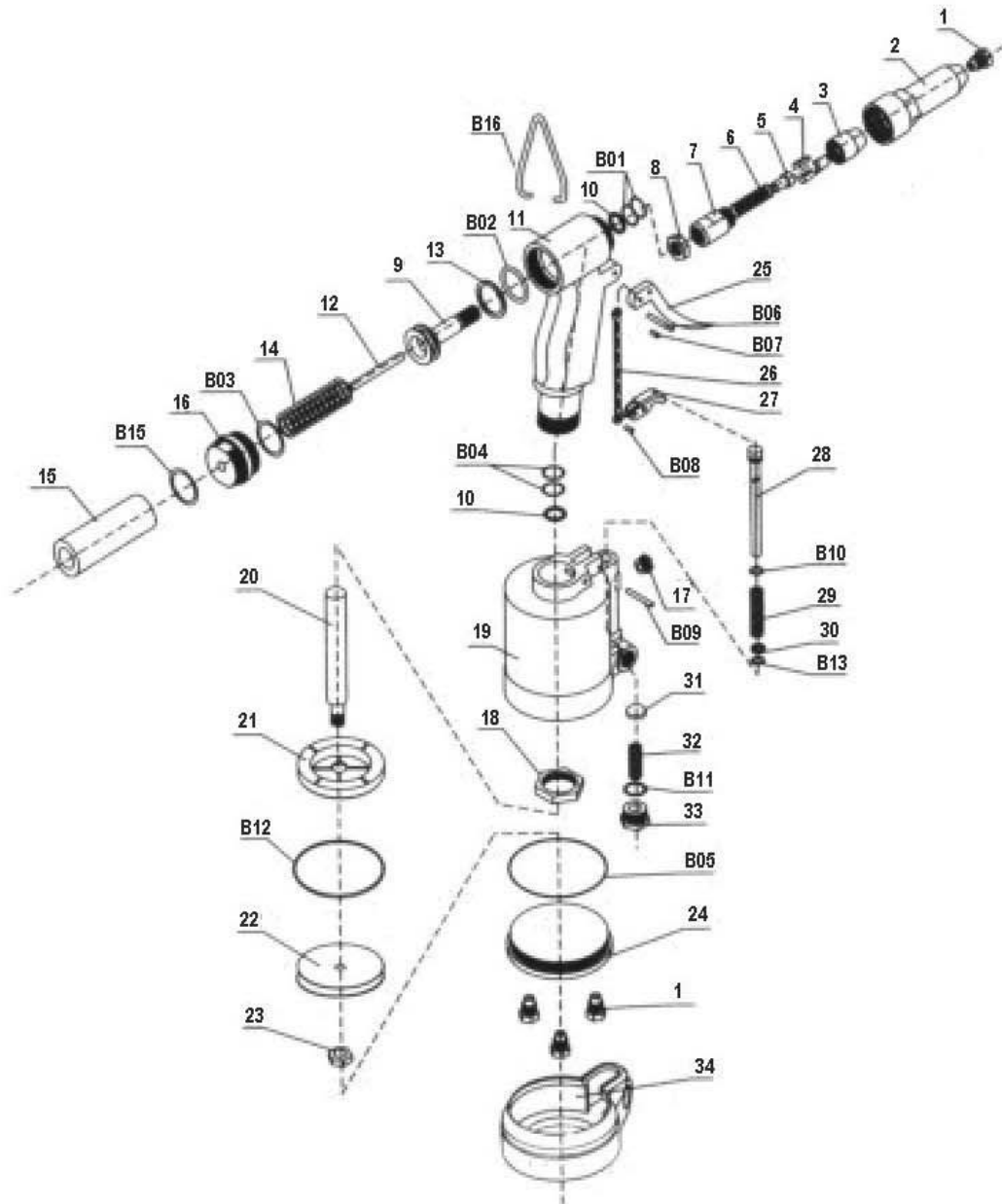


Cleaning/Maintenance for the Head of Riveter

1. Turn off air supply. Assure all pressure is released prior to disassembly.
2. Use spanner wrench to dismantle the riveter head (fig.1).
3. Use spanner wrench to disassemble (fig. 2).
4. Clean all inner/assembly parts of the riveter head with a brush.
5. Reassemble the inner/assembly parts.
6. Oil the parts and reassemble riveter head completely.



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ORDERING PART#	ITEM#	PART DESCRIPTION
PRT5831-01	1	NOSEPIECE
PRT5831-02	2	OUTER CYLINDER (3.5")
ATD5843	*	OUTER CYLINDER (5.75")
PRT5831-03	3	JAW CARRIER
PRT5831-04	4	JAW
PRT5831-05	5	JAW PUSHER
PRT5831-06	6	JAW PUSHER SPRING
PRT5831-07	7	JAW CYLINDER
PRT5831-08	8	CASE LOCK NUT
PRT5831-09	9	PRINCIPAL AXIS
PRT5831-10	10	PLASTIC RING
PRT5831-11	11	HANDLE
PRT5831-12	12	LEAD AXIS
PRT5831-13	13	PLASTIC RING
PRT5831-14	14	RESTORE SPRING
PRT5831-15	15	BOTTLE
PRT5831-16	16	AIRPROOF LID
PRT5831-17	17	SILENCER
PRT5831-18	18	LOCK NUT
PRT5831-19	19	AIR CYLINDER
PRT5831-20	20	POLE PISTON
PRT5831-21	21	CUSHION
PRT5831-22	22	PISTON
PRT5831-23	23	NUT
PRT5831-24	24	AIR CYLINDER LID
PRT5831-25	25	TRIGGER

ORDERING PART#	ITEM#	PART DESCRIPTION
PRT5831-26	26	LINK
PRT5831-27	27	PRESS PLANK
PRT5831-28	28	AIR VALVE
PRT5831-29	29	VALVE SPRING
PRT5831-30	30	COPPER WASHER
PRT5831-31	31	AIRPROOF PLASTIC
PRT5831-32	32	AIRPROOF SPRING
PRT5831-33	33	AIRPROOF NUT
PRT5831-34	34	BASE COVER
PRT5831-B01	B01	O-RING
PRT5831-B02	B02	O-RING
PRT5831-B03	B03	O-RING
PRT5831-B04	B04	O-RING
PRT5831-B05	B05	O-RING
PRT5831-B06	B06	SPRING PIN
PRT5831-B07	B07	SPRING PIN
PRT5831-B08	B08	SPRING PIN
PRT5831-B09	B09	SPRING PIN
PRT5831-B10	B10	O-RING
PRT5831-B11	B11	O-RING
PRT5831-B12	B12	O-RING
PRT5831-B13	B13	O-RING
PRT5831-B14	B14	O-RING
PRT5831-B15	B15	O-RING
PRT5831-B16	B16	POT HOOK